

ABSTRACT OF THE DISCLOSURE

There are disclosed a synchronous rectifying type of DC-DC converter, a DC-DC converter control circuit 5 constituting such a type of DC-DC converter, a monitor circuit for monitoring an operation of a DC-DC converter, and an electronic equipment having a DC-DC converter, considering a conduction current. A DC-DC converter has a main switch and a synchronous rectifying switch, in which 10 said main switch and said synchronous rectifying switch are alternately turned on so that a voltage of a DC electric power is transformed and outputted. A state that said main switch and said synchronous rectifying switch are simultaneously turned on is detected.

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